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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/609,020	06/30/2000	Barry Paul Pershan	Bell:28	2130

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STRAUB & POKOTYLO
620 TINTON AVENUE
BLDG B 2ND FLOOR
TINTON FALLS, NJ 07724

EXAMINER

NGUYEN, QUYNH H

ART UNIT	PAPER NUMBER
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2642

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DATE MAILED: 07/19/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/609,020

Applicant(s)

PERSHAN ET AL.

Examiner

Quynh H Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Remarks filed 6/7/04.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6,8,11-14 and 20-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6,8,11-14, and 20-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. Applicant's remarks filed 6/7/04 indicated that in the previous office action, the Albers et al. patent (6,650,633) is used as the primary reference in all of the rejections and the instant application have common ownership, which is Verizon Services Corp. Therefore, the previous Final Office action, paper number 13 is withdrawn. **THIS OFFICE ACTION IS MADE FINAL.**

2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claim Rejections - 35 USC § 103

3. Claims 1-3, 10, and 20-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Plomondon et al. (U.S. Patent 5,729,599) in view of Uehara et al. (U.S. Patent 5,452,349).

Regarding claims 1 and 21, Plomondon et al. teach the steps of: operating a peripheral device (Fig. 1, IP 30) coupled to a telephone switch (Fig. 1, SSP 22) to receive a call from a caller using a first telephone (Fig. 1, 20); detecting receipt of a first control signal from a first telephone (col. 5, lines 51-54); if the first signal is a control signal used to activate call forwarding ("triggers used when a subscriber or user invokes an AIN service such as remote access forwarding" - col. 5, lines 52-54); determining if a previously stored call forwarding telephone number is available (col. 4, lines 42-46) in a call processing record ("subscriber's service profile") stored in a service control point (col. 6, lines 2-4) coupled to the peripheral device (IP 30) by the telephone switch, the call processing record

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being associated with the first telephone number; if it is determined that a previously stored telephone number is available, (col. 5, lines 50-57) updating the call processing record; enabling the forwarding of calls directed to the first telephone to a second telephone using said previously stored call forwarding telephone number (col. 9, lines 55-58).

However, Plomondon et al. do not explicitly suggest the control signal used to activate call forwarding service; and determining using automatic number identification information a first telephone number corresponding to the first telephone. Instead, Plomondon et al. teach the subscriber invokes remote access forwarding triggers (col. 5, lines 51-54), and is given a security code or PIN in order to access the call forwarding service (col. 1, lines 43-44 and col. 6, lines 8-9).

Uehara et al. teach requesting a call forwarding from inputting terminal 9 to activate/deactivate call forwarding (col. 5, lines 58-63 and col. 6, lines 31-34).

It would have been obvious to one of ordinary skill in the art at the time of the invention was made that using a security code or PIN in order to access the call forwarding service are method for authenticating the subscriber to make sure the subscriber subscribed the service, or using automatic number identification information on a first telephone number to determine if the first telephone corresponds to a telephone for which call forwarding service is supported. The latter one is the preferred method in this case; and further incorporate the above-mentioned feature, as taught by Uehara, in Plomondon's system in order to have

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a flexible system that allow subscriber to activate/deactivate call forwarding service.

Regarding claim 2, Plomondon et al. teach if it is determined that a call forwarding is not supported (col. 8, lines 14-17), prompting the caller for a telephone number corresponding to a service to be updated (col. 8, lines 31-40).

Regarding claim 3, Plomondon et al. teach examining the first signal to determine if the first signal is a control signal used to activate call forwarding or to disable call forwarding (col. 11, lines 44-67).

Claim 10 is rejected for the same as discussed above with respect to claims 1 and 3.

Claim 20 is rejected for the same as discussed above with respect to claim 1. Furthermore, Plomondon et al. teach a telephone (Fig. 1, 20); a switch (Fig. 1, SSP 22) coupled to the telephone; a peripheral device coupled to the switch (Fig. 1, IP 30); a service control point (SCP 32) coupled to the switch and the peripheral device by way of the switch; means for activating a call forwarding service (col. 5, lines 40-65).

Claim 22 is rejected for the same as discussed above with respect to claim 1. Furthermore, Plomondon et al. teach the call is placed from a telephone having a different telephone number than a telephone number included in the received signal (col. 6, lines 1-6); updating the subscriber's service profile (col. 5, lines 23-26); updating service status (col. 6, lines 34-41).

4. Claims 4-6, 8, 11-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Plomondon et al. (U.S. Patent 5,729,599) in view of Uehara et

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al. (U.S. Patent 5,452,349) and further in view of Hallenstal (U.S. Patent 6,125,126).

Regarding claims 4, 5, 8, 11, 13, and 14, Plomondon et al. teach when the subscriber dials the target number, LNP trigger, suspends processing and launches a query to the SCP 120 via TP 118. The call encounters a Terminating Attempt Trigger (TAT) query to the SCP (col. 7, lines 36 through col. 8, line 64). However, Plomondon et al. do not teach sending an update message to a telephone switch to which the first telephone is coupled to set a terminating attempt trigger on a telephone line corresponding to the first telephone.

Hallenstal teaches operating a service control point ("SCP 136") receives and processes event messages from SSP 134 and formulates and sends responses to the SSP 134 (col. 8, line 22 through col. 9, line 20).

It would have been obvious to one of ordinary skill in the art at the time of the invention was made to incorporate the feature of operating a service control point (SCP) to send an update message to a telephone switch to which the first telephone is coupled to set a terminating attempt trigger on a telephone line corresponding to the first telephone, as taught by Hallenstal, in Plomondon's system in order to have a better system with more advanced and flexibility features of the Advanced Intelligent Network environment.

Claims 6 and 12 are rejected for the same as discussed above with respect to claim 1 limitation "updating said call processing record associated with said first telephone to indicate that call forwarding is active", the different is disabling ("deactivate") control signal from the first telephone instead of enabling

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("activate") that is rejected for the same reasons as discussed above with respect to claim 3.

Response to Arguments

5. Applicant's arguments with respect to claims 1-6, 8, 10-14, and 20-22 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quynh H. Nguyen whose telephone number is 703-305-5451. The examiner can normally be reached on Monday - Thursday from 6:30 A.M. to 5:00 P.M.

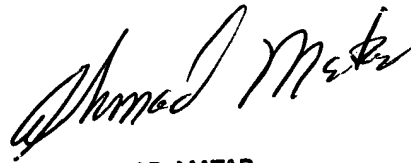
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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on (703) 305-4731. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4700.

qhn

Quynh H. Nguyen
July 8, 2004



AHMAD MATAR
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600